

### **REMARKS**

This responds to the Final Office Action dated on May 17, 2005 and the subsequent Advisory Action dated on August 10, 2005.

Claims 1, 11, 15, 18, 21-23, 27, and 30 are amended, claims 7-8 were previously canceled; as a result, claims 1-6 and 9-32 are now pending in this application. Again, entry of the amendments is appropriate in view of the accompanying RCE and appropriate fee.

Applicants submit that the above claim amendments distinguish Applicants' invention over the cited Blelloch reference for the at least the following reasons.

First, and as has previously been argued, Blelloch does not teach making a non-threaded program threaded. The programs in Blelloch are in fact threaded. In support of this, the Examiner's attention is directed to FIG. 1, where the input to the Blelloch invention is in fact a parallel program. Moreover, the Examiner's attention is directed to column 2 lines 19-22, which states: "[t]he incoming program may be any sequential program that takes the form of some programming language that reveals the tasks to be performed by parallel processing . . ." *Emphasis Added*. Clearly, as Applicants have argued the programs in Blelloch are in fact threaded and not as asserted by the Examiner threaded.

Second, even assuming the Examiner continues to maintain an interpretation of Blelloch where the program is said to be non-threaded, it is clear via the newly added amendments that the tasks of such a program are not substantially identical to one another and that they do not perform substantially the same functions as one another. These limitations are now positively recited in the amended claims above. That is, Blelloch accepts a program and then identifies different tasks of the program to perform different aspects of the program in parallel. There is no teaching or suggestion in Blelloch where it can be said that the program of Blelloch operates in parallel. It is the tasks of a single program that execute in parallel. These tasks are not duplications of one another; they are in fact different functions or operations of the single program. So, Blelloch lacks a teaching where its program is substantially replicated and automatically made to process in parallel with its replicated versions because a single program exist in Blelloch and tasks are not duplicates within that program; they are different features from one another.

Accordingly, Applicants respectfully submit the claims are in condition for allowance and respectfully request an indication of the same from the Examiner.

CONCLUSION

Applicants respectfully submit that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicants' attorney (513) 942-0224 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

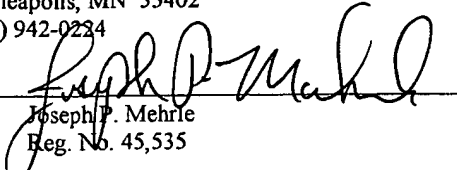
ROBERTO GOMPERTS ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(513) 942-0224

Date 8-17-05

By

  
Joseph P. Mehrle  
Reg. No. 45,535

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop AF, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 17 day of August, 2005.

LISA ROSORSKE

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Lisa Rosorske

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